

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Craig F. Culver

Ser. No.

09/393,998

Filed

September 8, 1999

For

Interface Control

Examiner

Chow, Doon Y.

Art Unit

2675

Docket No.

IMM060.RE

**Technology Center 2600** 

SEP 2 3 2003

Mail Stop: Non-Fee Amendment

Commissioner For Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is being submitted following a Office Action Summary in this application. Accordingly, a fee of \$180.00 is included herewith for consideration of this Information Disclosure Statement. However, should any other fees be due, the Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§ 1.16 or 1.17 which may be required during the entire pendency of this application, or to credit any overpayment, to Deposit Account No. 16-1435. A duplicate of this sheet is attached for that purpose.

It is respectfully requested that the references listed on the attached form be expressly considered by the Examiner and be made of record in the application and appear among "References Cited" on any patent to issue therefrom.

09/18/2003 DTESSEN1 00000056 09393998

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Dated: September 16, 2003

By:

øhn C. Alemanni, Reg. No. 47,384

Respectfully submitted,

KILPATRICK STOCKTON LLP

1001 West Fourth Street

Winston-Salem, North Carolina 27101-2400

Telephone: (336) 607-7300

Facsimile: (336) 607-7500



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PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO Complete if Known **Application Number** 09/393,998 INFORMATION DISCLOSURE Filing Date September 8, 1999 STATEMENT BY APPLICANT **First Named Inventor** Culver, Craig Art Unit 2675 (use as many sheets as necessary) **Examiner Name** Chow, Dennis-Doon Sheet 1 of 5 IMM060.RE Attorney Docket Number

			U.S. PATENT DOC	UMENTS	
Examiner	Cite No.1	Document Number  Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Signature Date Considered

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Substitute	for form 1449A/PTC	)		Complete if Known		
				Application Number	09/393,998	
INFO	RMATION	DIS	CLOSURE	Filing Date	September 8, 1999	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Culver, Craig	
				Art Unit	2675	
(use as many sheets as necessary)			necessary)	Examiner Name	Chow, Dennis-Doon	
Sheet	2	of	5	Attorney Docket Number	IMM060.RE	

Cyaminas	Cite No.1	Foreign Patent Document				Name of Patentee or	Pages, Columns, Lines,	
Examiner Initials*		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited  Document	Where Relevant Passages or Relevant Figures Appear	
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	ВМ	JP	01-003664	İ	7/19/1990	Taito Corporation	1	
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	BP	JP	04-007371		8/3/1993	Taito Corporation	1	

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Substitute	e for form 1449B	/PTO			Complete if Known
INIEO	DALATIC	NI DIO	OLOCUDE	Application Number	09/393,998
			CLOSURE	Filing Date	September 8, 1999
STAT	<b>TEMENT</b>	BY A	PPLICANT	First Named Inventor	Culver, Craig
				Art Unit	2675
(use as many sheets as necessary)				Examiner Name	Chow, Dennis-Doon
Sheet	3	of	5	Attorney Docket Number	IMM060.RE

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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS Technolog	y Center 260
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
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Examiner	Date	
Signature	Considered	

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Substitut	te for form 1449	в/РТО			Complete if Known
18156		0N DIO	OL COURT	Application Number	09/393,998
			CLOSURE	Filing Date	September 8, 1999
STA	TEMEN	T BY A	PPLICANT	First Named Inventor	Culver, Craig
				Art Unit	2675
	(use as man	y sheets as	necessary)	Examiner Name	Chow, Dennis-Doon
Sheet	4	of	5	Attorney Docket Number	IMM060.RE RECEX

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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS Technology	Cer
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
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Examiner	Date	
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Substitut	e for form 1449B/	РТО	-	Complete if Known			
11150	D144 T10			Application Number	09/393,998		
			CLOSURE	Filing Date	September 8, 1999		
STA	<b>TEMENT</b>	BY A	PPLICANT	First Named Inventor	Culver, Craig		
				Art Unit	2675		
	(use as many	sheets as	necessary)	Examiner Name	Chow, Dennis-Dom		
Sheet	5	of	5	Attorney Docket Number	IMM060.RE		

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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS PCHNOlogy	Cent		
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
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<del>.</del>	cv	MARCUS, "Touch Feedback in Surgery," Proceedings of Virtual Reality and Medicine The Cutting Edge, Sep. 8-11, 1994.			
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	cz	GOBEL et al., "Tactile Feedback Applied to Computer Mice," International Journal of Human-Computer Interaction, Vol. 7, No. 1, pp. 1-24, 1995.			
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	DB	"Cyberman Technical Specification," Logitech Cyberman SWIFT Supplement, 4/5/1994.			
	DC	OUHYOUNG et al., "The Development of A Low-Cost Force Feedback Joystick and Its Use in the Virtual Reality Environment," Proceedings of the Third Pacific Conference on Computer Graphics and Applications, Pacific Graphics '95, Seoul, Korea, 21-24 August 1995.			
	DD	KACZMAREK et al., "Tactile Displays," Virtual Environment Technologies.			
	DE	SCANNELL, "Taking a Joystick Ride," Computer Currents, Boston Edition, Vol. 9, No. 11, November 1994			

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